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520.1002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner: To Be Assigned Art Unit: 2131

Re: Application of: **Ulrich HEISTER**

Serial No.: 09/889,420

Filed: July 17, 2001 as national phase of International Application PCT/EP99/09844 filed December 9, 1999

For: **DEVICE AND METHOD FOR  
SYNCHRONIZING VOLTAGE CIPHERING  
MACHINE IN ATM NETWORKS**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 11, 2004

Sir:

In accordance with the provisions of 37 C.F.R. § 1.97, Applicant hereby makes of record the documents listed on the accompanying PTO-1449 Form (1 page) for consideration by the Examiner in connection with the examination of the above-identified patent application. While the references are being submitted herewith, some or all of the references may not constitute prior art under the U.S. patent laws.

This Information Disclosure Statement is filed under 37 C.F.R. §1.97 (b), before the mailing date of a First Office Action, therefore no fee is believed due.

In the event any additional fee is due in connection with this response or if any fee has been overpaid, the deficiency or overpayment should be charged to our Deposit Account No. 50-0552.

It is respectfully requested that the references cited in the accompanying PTO-1449 form be considered and made of record. It is respectfully submitted that the pending claims are patentable over all of the references made of record at this time.

Respectfully submitted,  
DAVIDSON, DAVIDSON & KAPPEL, LLC

By: \_\_\_\_\_

  
William C. Gehris  
Reg. No. 38,156

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FORM PTO-1083

Mail Stop: PCT  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

In re application of: **Ulrich HEISTER**  
Serial No.: 09/889,420  
Filed: July 17, 2001 as national phase of International Application PCT/EP99/09844 filed  
December 9, 1999  
For: **DEVICE AND METHOD FOR SYNCHRONIZING VOLTAGE CIPHERING MACHINE IN ATM NETWORKS**

Sir:

Transmitted herewith is a **Supplemental Information Disclosure Statement** with PTO-1449 and copies of cited references in the above-identified application.

Small entity status under 37 C.F.R. 1.9 and 1.27 has been previously established.  
 Applicants assert small entity status under 37 C.F.R. 1.9 and 1.27.  
 No fee for additional claims is required.  
 A filing fee for additional claims calculated as shown below, is required:

- \* If the entry in Co. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

[X] Also transmitted herewith are:  
[ ] Petition for extension under 37 C.F.R. 1.136  
**[X] Other: Translation of the International Preliminary Examination Report (9 pages)**

[ ] Check(s) in the amount of \$0.00 is/are attached to cover:

[ ] Filing fee for additional claims under 37 C.F.R. 1.16

[ ] Petition fee for extension under 37 C.F.R. 1.136

[ ] Other:

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Technology Center 2100

[X] The Assistant Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0552.

[X] Any filing fee under 37 C.F.R. 1.16 for the presentation of additional claims which are not paid by check submitted herewith.

[X] Any patent application processing fees under 37 C.F.R. 1.17.

[X] Any petition fees for extension under 37 C.F.R. 1.136 which are not paid by check submitted herewith, and it is hereby requested that this be a petition for an automatic extension of time under 37 CFR 1.136.

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I hereby certify that the documents referred to as attached therein and/or fee are being deposited with the United States Postal Service as "first class mail" with sufficient postage in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on June 11, 2004.

DAVIDSON, DAVIDSON & KAPPEL, LLC

BY: John T. C.

Oliver Platz

26

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>  (Use several sheets if necessary)		ATTY DOCKET NO. 520.1002	APPLICATION NO 09/889,420
		APPLICANT Ulrich HEISTER	
		FILING DATE July 17, 2001	GROUP 2131

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A01						
	A02						
	A03						
	A04						
	A05						
	A06						
	A07						
	A08						
	A09						
	A10						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	YES	NO
	A11	0 786 881	Jul. 30, 97	EP – Europe			In English		
	A12	95 149 71	Jun. 1, 95	WO – WIPO			In English		
	A13	40 15 283	Nov. 14, 91	DE - Germany			English abstract		
	A14	195 15 680	Oct. 31, 96	DE – Germany			English abstract		
	A15	0 673 133	Sep. 20, 95	EP - Europe			In English		
	A16	37 87 695	Feb. 3, 94	DE – Germany			Translation of EP 0 258 621		
	A17	EP 0258 621	Mar. 9, 88	EP – Europe			In English		

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

	A18	U. Heister, U. Killat, Private and Authentic Communication in Passive Optical Networks, International Journal of Network Management, March – April 1995, pages 66 to 72
	A19	James P. Gray, et al. "ATM cell encryption and key update synchronization" vol. 7 ,no. 4,1997, Telecommunications Systems, CH, Basl / XP-000865923
	A20	
	A21	
	A22	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	